

What is claimed is:

1. A target designation system comprising:

a first power source for providing a first electrical power signal;

a manual switch connected to said first power source, said manual switch being turned on by a user of said target designation system;

a receiver connected to said manual switch, said receiver being activated by the first power signal from said first power source when said manual switch is turned on, said receiver when activated being adapted to receive an encoded RF signal at a preset frequency, said receiver providing an electrical equivalent encoded signal of said encoded RF signal whenever said receiver receives said encoded RF signal at said preset frequency;

a decoder circuit having a memory, said memory having activation and deactivation data stored therein, said decoder circuit being connected to said receiver to receive and then decode said electrical equivalent encoded signal provided by said receiver, said decoder

21 circuit providing a switch activation signal whenever
22 decoded data contained in said electrical equivalent
23 encoded signal is equivalent to said activation data
24 stored in said memory, said decoder circuit providing a
25 switch deactivation signal whenever said decoded data
26 contained in said electrical equivalent encoded signal
27 is equivalent to said deactivation data stored in said
28 memory;
29 a second power source for providing a second electrical
30 power signal;
31 an auto switch connected to said second power source and
32 said decoder circuit, said auto switch being turned on
33 by said switch activation signal, and said auto switch
34 being turned on by said switch deactivation signal;
35 a transmitter connected to said auto switch, said
36 transmitter being activated by the second power signal
37 from said second power source when said auto switch is
38 turned on by said switch activation signal;
39 said transmitter transmitting a homing signal to a
40 remotely guided weapons system allowing said remotely
41 guided weapons system to track and locate said target

42 designation system and destroy said target.

1 2. The target designation system of claim 1 wherein said first
2 power source and said second power source each comprise a
3 direct current voltage battery.

1 3. The target designation system of claim 1 wherein said
2 decoder circuit is connected to said first power source, said
3 decoder circuit being activated when said user turns on said
4 manual switch.

1 4. The target designation system of claim 1 wherein said
2 switch deactivation signal provided by said auto switch
3 deactivates said transmitter, wherein said transmitter stops
4 transmitting said homing signal when said transmitter is
5 deactivated.

1 5. The target designation system of claim 1 further comprising:
2 an auto-destruct delay circuit connected to said auto
3 switch, said auto-destruct delay circuit being
4 activated by said second power signal when said auto-

5 switch is turned on, said auto-destruct delay circuit
6 generating a destruct signal after a preset auto-
7 destruct delay time period; and
8 an anti-comprise device connected to said auto-destruct
9 delay circuit to receive said destruct signal, said
10 anti-comprise device, responsive to said destruct
11 signal, destroying said target designation system.

1 6. The target designation system of claim 5 further comprising
2 a low voltage switch connected between said first power source
3 and said anti-compromise device.

1 7. The target designation system of claim 1 further comprising:
2 a power on delay circuit connected to said manual switch,
3 said power on delay circuit receiving the first power
4 signal from said first power source when said manual
5 switch is turned on;
6 a motion sensor connected to said power on delay circuit
7 to receive the first power signal from said power on
8 delay circuit after a preset power on delay time, said
9 motion sensor being activated by the first power

10 signal, said motion sensor when activated generating a
11 destruct signal upon sensing motion of said target
12 designation system; and
13 an anti-comprise device connected to said motion sensor
14 to receive said destruct signal, said anti-comprise
15 device, responsive to said destruct signal, destroying
16 said target designation system.

1 8. The target designation system of claim 7 further comprising
2 a low voltage switch connected between said first power source
3 and said anti-compromise device.

1 9. The target designation system of claim 1 wherein said homing
2 signal is a radio frequency signal.

1 10. The target designation system of claim 1 wherein said
2 homing signal is a laser signal, said transmitter including a
3 window which emits said laser signal.

1 11. A target designation system comprising:
2 a first power source for providing a first electrical

3 power signal;

4 a manual switch connected to said first power source, said
5 manual switch being turned on by a user of said target
6 designation system;

7 a receiver connected to said manual switch, said receiver
8 being activated by the first power signal from said
9 first power source when said manual switch is turned
10 on, said receiver when activated being adapted to
11 receive an encoded RF signal at a preset frequency,
12 said receiver providing an electrical equivalent
13 encoded signal of said encoded RF signal whenever said
14 receiver receives said encoded RF signal at said preset
15 frequency;

16 a decoder circuit having a memory, said memory having
17 activation and deactivation data stored therein, said
18 decoder circuit being connected to said receiver to
19 receive and then decode said electrical equivalent
20 encoded signal provided by said receiver, said decoder
21 circuit providing a switch activation signal whenever
22 decoded data contained in said electrical equivalent
23 encoded signal is equivalent to said activation data

24 stored in said memory, said decoder circuit providing a
25 switch deactivation signal whenever said decoded data
26 contained in said electrical equivalent encoded signal
27 is equivalent to said deactivation data stored in said
28 memory;

29 a second power source for providing a second electrical
30 power signal;

31 an auto switch connected to said second power source and
32 said decoder circuit, said auto switch being turned on
33 by said switch activation signal, and said auto switch
34 being turned on by said switch deactivation signal;

35 a transmitter connected to said auto switch, said
36 transmitter being activated by the second power signal
37 from said second power source when said auto switch is
38 turned on by said switch activation signal;

39 said transmitter transmitting a homing signal to a
40 remotely guided weapons system allowing said remotely
41 guided weapons system to track and locate said target
42 designation system and destroy said target;

43 an auto-destruct delay circuit connected to said auto
44 switch, said auto-destruct delay circuit being

45 activated by said second power signal when said auto-
46 switch is turned on, said auto-destruct delay circuit
47 generating a first destruct signal after a preset auto-
48 destruct delay time period;

49 a power on delay circuit connected to said manual switch,
50 said power on delay circuit receiving the first power
51 signal from said first power source when said manual
52 switch is turned on;

53 a motion sensor connected to said power on delay circuit
54 to receive the first power signal from said power on
55 delay circuit after a preset power on delay time, said
56 motion sensor being activated by the first power
57 signal, said motion sensor when activated generating a
58 second destruct signal upon sensing motion of said
59 target designation system;

60 an anti-comprise device connected to said auto-destruct
61 delay circuit and said motion sensor to receive said
62 first destruct signal and said second destruct signal,
63 said anti-comprise device, responsive to each of said
64 first and said second destruct signals, destroying said

65 target designation system.

1 12. The target designation system of claim 11 wherein said
2 first power source and said second power source each comprise a
3 direct current voltage battery.

1 13. The target designation system of claim 11 wherein said
2 decoder circuit is connected to said first power source, said
3 decoder circuit being activated when said user turns on said
4 manual switch.

1 14. The target designation system of claim 11 wherein said
2 switch deactivation signal provided by said auto switch
3 deactivates said transmitter, wherein said transmitter stops
4 transmitting said homing signal when said transmitter is
5 deactivated.

1 15. The target designation system of claim 11 further
2 comprising a low voltage switch connected between said first
3 power source and said anti-compromise device, said low voltage
4 switch providing a third destruct signal to said anti-

5 compromise device when said first power source drops below a
6 preset voltage level, said anti-compromise device, responsive to
7 each of said third destruct signals, destroying said target
8 designation system.

1 16. The target designation system of claim 11 wherein said
2 homing signal is a radio frequency signal.

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4 17. The target designation system of claim 11 wherein said
5 homing signal is a laser signal, said transmitter including a
6 window which emits said laser signal.

1 18. A method for destroying a target by remotely guided
2 ordnance comprising the steps of:

3 (a) positioning a target designation system in proximity
4 to said target to be destroyed;

5 (b) activating said target designation system by turning
6 on a manual switch included in said target designation system;

7 (c) receiving an encoded RF signal at a preset frequency
8 after said target designation system is activated, said target
9 designation system including a receiver which is set at said

10 preset frequency to receive said encoded RF signal;

11 (d) decoding said encoded RF signal to provide an
12 activation signal and a deactivation signal, said target
13 designation system including a decoder circuit which decodes
14 said encoded RF signal to provide said activation signal and
15 said deactivation signal;

16 (e) transmitting a homing signal to said remotely guided
17 ordinance allowing said remotely guided ordinance to track and
18 then destroy said target, said target designation system
19 including a transmitter for transmitting said homing signal to
20 said remotely guided ordinance wherein said transmitter starts
21 transmission of said homing signal in response to said
22 activation signal and ceases transmission of said homing signal
23 in response to said deactivation signal; and

24 (f) destroying said target designation system after a
25 preset auto-destruct delay time period, said preset auto-
26 destruct delay time period being initiated by said activation
27 signal from said decoder circuit, said target designation
28 system including a auto destruct delay circuit which generates
29 a destruct signal after said preset auto-destruct delay time
30 period expires and a anti-compromise device which receives

31 destruct signal and destroys said target designation system,
32 responsive to said destruct signal from said auto destruct
33 delay circuit.

1 19. The method of claim 18 further comprising the step of
2 destroying said target designation system whenever a motion
3 sensor within said target designation detects movement of said
4 target designation system, said motion sensor providing another
5 destruct signal to said anti-compromise which then destroys
6 said target designation system.

1 20. The method of claim 18 wherein said preset auto-destruct
2 delay time period expires after approximately ten minutes.